

AMENDMENTS TO THE SPECIFICATION:

Page 6, line 5, delete Table 1 and replace it with the following new Table 1.

Table 1. Monomer mixture concentrations and effects on wood properties.

| | Treating formulation | | | | Cured material | | | | | | | |
|--------------|---------------------------|-----|-------|-------|----------------|-------|---------------|-------|---------------|-------|-------|-------|
| | % added based on solution | | | | % swell | | % wt increase | | % water swell | | % ASE | |
| | FA | MA | Borax | Total | Pine | Beech | Pine | Beech | Pine | Beech | Pine | Beech |
| Water | 0 | 0 | 0 | 0 | 1.7 | 2.2 | -0.8 | -0.4 | 9.8 | 17 | 0 | 0 |
| | 4.8 | 1.9 | 1.9 | 8.3 | 2.4 | 2.9 | NA | NA | 8.6 | 16 | 12 | 6 |
| | 9.1 | 2.7 | 2.7 | 13.8 | 3.0 | 3.6 | 8.2 | 6.3 | 7.3 | 15 | 26 | 12 |
| | 16.7 | 3.2 | 3.2 | 21.9 | 4.2 | 6.0 | 14.0 | 10.2 | 6.8 | 14 | 31 | 18 |
| | 23.1 | 3.7 | 3.7 | 28.6 | 5.7 | 7.0 | 20.5 | 14.6 | 6.3 | 12 | 36 | 29 |
| | 23.1 | 5.1 | 5.1 | 30.6 | 5.7 | 7.0 | NA | NA | NA | NA | 36 | 29 |
| | 28.6 | 4.1 | 4.1 | 34.2 | 6.9 | 7.1 | 26.9 | 17.6 | 4.6 | 13 | 53 | 24 |
| | 33.3 | 4.5 | 4.5 | 39.0 | 5.5 | 7.3 | 30.9 | 16.1 | 5.5 | 11 | 44 | 35 |
| Initiated FA | 93.9 | 6.5 | 0 | NA | 8.1 | 11.5 | 57.4 | 36.3 | 4.1 | 7 | 58 | 59 |

Note: Italic values are interpolated or calculated from interpolated values. Percent swell is the remaining swelling after curing. Percent weight increase is after curing. Water swell is maximum swelling in liquid water at 23EC and the ASE is anti-swell efficiency or percent retardation of swelling of the cured material in liquid water (based on the water swelling data).

Table 1. Monomer mixture concentrations and effects on wood properties.

| | Treating formulation | | | | Cured material | | | | | | | |
|--------------|---------------------------|-----|-------|-------|----------------|-------|---------------|-------|---------------|-------|-------|-------|
| | % added based on solution | | | | % swell | | % wt increase | | % water swell | | % ASE | |
| | FA | MA | Borax | Total | Pine | Beech | Pine | Beech | Pine | Beech | Pine | Beech |
| Water | 0 | 0 | 0 | 0 | 1.7 | 2.2 | -0.8 | -0.4 | 9.8 | 17 | 0 | 0 |
| | 4.8 | 1.9 | 1.9 | 8.6 | 2.4 | 2.9 | NA | NA | 8.6 | 16 | 12 | 6 |
| | 9.1 | 2.7 | 2.7 | 14.5 | 3.0 | 3.6 | 8.2 | 6.3 | 7.3 | 15 | 26 | 12 |
| | 16.7 | 3.2 | 3.2 | 23.1 | 4.2 | 6.0 | 14.0 | 10.2 | 6.8 | 14 | 31 | 18 |
| | 23.1 | 3.7 | 3.7 | 30.5 | 5.7 | 7.0 | 20.5 | 14.6 | 6.3 | 12 | 36 | 29 |
| | 23.1 | 5.1 | 5.1 | 33.3 | 5.7 | 7.0 | NA | NA | NA | NA | 36 | 29 |
| | 28.6 | 4.1 | 4.1 | 36.8 | 6.9 | 7.1 | 26.9 | 17.6 | 4.6 | 13 | 53 | 24 |
| | 33.3 | 4.5 | 4.5 | 42.3 | 5.5 | 7.3 | 30.9 | 16.1 | 5.5 | 11 | 44 | 35 |
| Initiated FA | 93.9 | 6.5 | 0 | NA | 8.1 | 11.5 | 57.4 | 36.3 | 4.1 | 7 | 58 | 59 |

Note: Italic values are interpolated or calculated from interpolated values. Percent swell is the remaining swelling after curing. Percent weight increase is after curing. Water swell is maximum swelling in liquid water at 23EC and the ASE is anti-swell efficiency or percent retardation of swelling of the cured material in liquid water (based on the water swelling data).